ABSTRACT

A wireless operating system is provided which can be applied even to such an environment that a plurality of controllers and a plurality of operating terminals are mixed with each other, and also, can readily establish communications within a short time.

A first wireless station transmits a calling instruction to a second wireless station via a connection-purpose channel which has been set, and when the first wireless station receives a response, the first wireless station switches the connection-purpose channel to a communication-purpose channel contained in the response data. Further, the second wireless station waits the calling instruction from the first wireless station via the preset connection-purpose channel, and when the second wireless station receives the calling instruction, the second wireless station seeks a channel which is not used so as to determine a communication channel, and transmits response data containing a communication-purpose channel number thereof to the first wireless station, and thereafter, switches the connection-purpose channel into the determined communication-purpose channel.